Great Industrial Concerns Turn to Architects for Help in Solving Housing Problem, One of the Most Serious of the Day

When Miss Frances E. Osborne inserited the big manufacturing business herited the big manufacturing business of her father at Derby, Conn., some years ago she also assumed the problem of meeting the demands of her workmen for better housing facilities. Derby did not afford the type of houses which these men cared to live in, and the problem was a serious one for Miss Onborne, young in business, for it threatened the life of the big plant which her father's death had thrust upon her. Failing to get builders to put up good and reasonably priced awellings for her workmen there was nothing for her to do but turn builder herself. Near the plant and not far from her own home plant and not far from her own home was a large tract of land which could be secured at a reasonable figure and she decided to buy it and build homes for her workers.

Murphy & Dana, architects of this city, were consulted by Miss Osborne. The problem she placed defore the architects was the designing of attractive houses that could be built at a cost which would permit her renting them to her workingmen at prices within their her workingmen at prices within their income. The problem was a vexity one but that they have succeeded may be seen from the accompanying photograph, which shows one of the several family cottages which they de-

signed.

The structure cost about \$7,200 to build, which is at the rate of \$2,400 a family, and although each house rents for \$16 a month Miss Osborne makes about 7 per cent, on her investment.

The development was started about five years ago and a number of houses have been erected. They are for two, three and four families. That is, two or three or four small houses of from six to eight rooms are under one roof. or three or four small houses of from six to eight rooms are under one roof. From the exterior it looks like a single house. By connecting them the cost of construction has been reduced so that it is possible to rent them for a lower sigure than would have been possible had each house been detached. There are never any vacancies in these houses, which are considered among the best which are considered among the best and most attractive small homes in Derby. The operation has not only solved Miss Osborne's labor problem but has brought her a good return on her investment and considerable satisfac-tion in establishing a standard for home building in the suburbs of Derby. The troubles which confronted Miss

Osborne are the same which have faced every large employer of labor who has located in the suburbs. While moving into the country from a large city rethe cost of production it has the of hampering production because of labor troubles due largely to poor

recent years the large plants which for trade purposes and economical rea-sons have located in the country have provided attractive homes for their workmen, realizing the necessity of contented labor and the moral influence on the character of the force and the work produced by good home surroundings. The test has been made and it has proved to the satisfaction of some



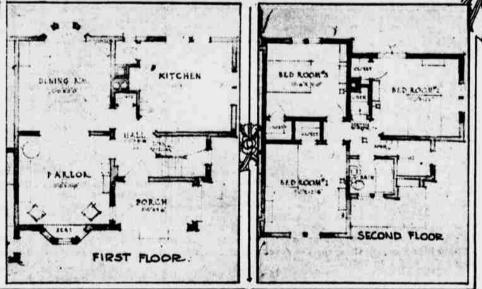
ROW OF HOUSES NEAR BETHLEHEM PA. ERECTED FOR WORKMEN BY WESTON, DODSON & CO COAL MERCHANTS



THREE FAMILY DWELLINGS BUILT AT DERBY, CONN BY MISS F. E. OSBORNE FOR WORKMEN IN HER FACTORY



TYPICAL BEDROOM IN HOMES ON INDIAN HILL.



PLANS OF SECTION OF THREE FAMILY DERBY HOUSES



INDIAN HILL DWELLING, ONE OF COLONY OF HOUSES BUILT BY THE NORTON CO, NEAR

proved to the satisfaction of some of the largest concerns in the country that a commercial development in the and cross streets, which give the place a domestic and cosey feeling that has appealed strongly to the married men of The Norton Company, whose plant covers thirty acres of land just outside of Worcester, Maes, realized this some time ago and decided that it would be a good thing to develop a home colony for the workingman to secure his bome.

The Norton Company is married men of the betalendary to the married men of the coal deposits under the surface. Having removed the coal deposits under the surface many that lands a commercial estate men of Bethlehem, had a large tract of vacant land near the big of the development. Commercialism was soon the large tract of vacant land near the big of the development. Commercialism was soon the large tract of vacant land near the big of the development. Commercialism was soon the large tract of vacant land ereal estate men of Bethlehem, had a large tract of vacant land near the big compended the surface many the large tract of vacant land ereal e

development, one depending on the other. The Norton Company, whose plant covers thirty acres of land Just outside of Worcester, Mass, realized this some time ago and decided that it would be a good thing to develop a home colony in connection with the plant. A really company was formed and findian Hill, and near the Norton Company base six to eight company was formed and near the Norton Company base six to eight company was formed and near the Norton Company base six to eight company was formed and near the Norton Company base six to eight company was formed and near the Norton Company base of the coal deposits under the surface. Having removed the coal the down at the start. Just now a large workingmen's dwelling down at the start. Just now a large workingmen's dwelling the Norton Company basis or by purchased this which they had bought years of the development. Commercialism was down at the start. Just now a large workingmen's dwelling ago for the coal deposits under the surface. Having removed the coal the start. Just now a large workingmen's dwelling ago for the coal deposits under the surface. Having removed the start. The company is the houses are erected they are taken the Norton Company has replain a domestic and cosey feeling that has appealed strongly to the married men of down at the start. Just now a large workingmen's dwelling ago for the coal deposits under the surface. Having removed the surface. Having removed the start. The start the start of the develops and the start. The the owner is ago for the coal deposits under the surface. Having removed the start. The start of the develops ago for the coal deposits under the surface. Having removed the start. The start of the down at the start.

It is to be similar to the Indian Hill destored the first time for the market of the workingmen in the start. The start is steel mills which they had bought years to the develops the face. Having removed the start start the start the start the start the start. The start the start is steel mills which they had b tive home colonies in various sections to do so by a system of weekly or of the country, was asked to lay out inmonthly payments which gives them their houses in tweive years.

The company, Fifty-eight houses have been creected there in the last two years. The half has been developed in an attractive out of a wide stretch of country and is here instead of the steel workers.

Worst industrial districts of the East. A home development planned with the sixty houses, most of which have been in the omce of Aymar and built and

BUYS TO PROTECT 93D STREET HOTEL

Woman Owner of Ashton on Madison Avenue Acquires Adjoining Realty.

Mrs. Frederica Ashton Benneche has purchased the three story and basement private dwelling at 1304 Madison avenue. streets, from Milton Newitter, repre-sented by John J. Kavanagh, and the four story and basement private dwelling at 24 East Ninety-third street, between Fifth and Madison avenues. Mrs. Ben-Beche owns the Hotel Ashton at the Pifth and Madison avenues. Mrs. Benspeche owns the Hotel Ashton at the
southwest corner of Ninety-third street
and Madison avenue. Both of the propseries just sold adjoin the Hotel Ashton

BROOKLYN HOME FOR AGED.

BROOKLYN HOME FOR AGED.

James B. Fisher has sold the large
modern garage; the three story and
basement brick residence at 156 South
action just sold adjoin the Hotel Ashton

160x256, running through to East Fifth

Eighth street, between Bedford and

to the south and west. The Ninety-third street, between Cortelyou road and Dit- Drigge avenues, for Jane C. Hobley; for street house was recently sold by Mr. mas avenue, for the Williamsburg Sav- the Jackson estate of J. E. Biggins Kavanagh for Frederick Brown to Mr. ings Bank to the Presbyterian Home for Company the vacant plot at the north-

purpose of taking over the five story apartment at the southwest corner of Northern avenue and 180th street from the Leona Holding Corporation, Frederick Brown president. The building is known as 60 Northern avenue, is on a

Good Demand for City Island Homes

street house was recently sold by Mr. Kavanagh for Frederick Brown to Mr. Newitter. L. Tannenbaum, Strauss & Co. negotiated yesterday's deal.

HOLDING CO. TO TAKE FLAT.

The Thermor Realty Company has been incorporated by Robert Vom Cleft. 305 East Eighth street and East Fourth farmend apartment at the southwest corner of the five story apartment at the southwest corner of the Society on Argyle road, north of Beverly Northern avenue and 180th street from the Leona Holding Corporation, Frederick Brown president. The building is 266 Broadway, facing the Williamsburg Savings Bank to the Preebyterian Home for the Jackson estate of J. E. Biggins Company the vacant plot at the north-reast corner of Knickerbocker avenue and Ingraham street for improvement: the five story loft building on the south sireet to F. Founier: the residence at 505 East Eighth street, on plot 30x100, for Mary Ford to Susan Conroy; for Goorge O. Walbridge a vacant plot 50x100 on Argyle road, north of Beverly brick tenement house, for a client to Jacob Luthy for investment. Shaw & Co, have sold for the Ideal which will build a detached residence; which will build a detached residence; Mortgage Corporation 492 Jefferson avenue, on plot 18x50x160. The purtake over the amusement company's family brick tenement on lot 22.3x100, contract of sale.

for Katle Shiel to Joseph Cardinale; to the New York and Brooklyn Casket Com-

the Leona Holding Corporation ick Brown president. The building is known as 60 Northern avenue, is on a Bridge Plaza and running plot 75x100 feet and is valued at \$135.

600. A Brooklyn moving picture thetatre it is a client for improvement; 308 South by the Clefeck Amusement Corporation Fifth street, a three story brick to Mr. Brown as part payment for the residence on lot 20x120 for Sarah E. The new corporation will De Nyse; 102 Hewes street, a three family brick tenement on lot 22.3x100, family brick tenement on lot 22.3x100.

Mortgage Corporation 492 Jefferson avenue, a three story and basement dwelling, on plot 18x50x100. The pur-206 Broadway, facing the Williamsburg avenue, a three s Bridge Plaza and running through to dwelling, on plot 1 South Eighth street, for Caroline Gage chaser will occupy. BUYS STATEN ISLAND HOUSE. J. Sterling Drake has sold for Dr. Percival K, Nichols to John J. Reagan his former residence on the northeast corner of Lafayette and Harrison ave-nues, Port Richmond, plot 91x75.

LARGER ELIZABETH FACTORY. Louis Schlesinger has sold for the Economy Realty Company, William Rankin and Judge P. H. Gilhooly of Elizabeth, N. J., to Franklin H. Kalbfielsch & Co. four scress adjoining their plant. The property fronts on the Elizabeth River, Baltic street and the New York and Long Branch division of the Central as New Subway Line Nears Completion and Long Branch division of the Central Railroad at Elizabeth, N. J. The acres have been acquired by the purchasers for the expansion of their plant.

> B. Kingman to Edward J. Ward the residence at 333 Heddon terrace, Newark, on plot 50x130, containing fourteen coms. The new owner will erect two

> Dr. John T. Eddy of Newark has with twenty-six room residence and out-buildings, facing Verons Lake and di-rectly opposite the Montclair Golf Club. The property is one of the show places of Verons, and was held at \$20,000. The Simpson Merritt Company of Montclair and Carl Mau of Verona made the deal.

> > GETS SKYSCRAPER JOB.

WHITE PLAINS HOUSE LEASED. The Robert E. Farley Organization road. Other parcels to be offered at this same sale include tenements, dwellings, a business building and a vacant plot at Belle Harbor.

FLATS MORE SANITARY.

Tenement House Department Campaign Proves Effective.

Tenements are in a much better sani-tary condition to-day than they were three months ago as the result of a campaign started by Tenement House Commissioner John J. Murphy. The commissioner started the campaign to bring about a betterment of unsanitary apartments where it was found the con-ditions were obviously due to acts or emissions of tenants. In Manhattan six inspectors issued 128 notices and 135 were reported compiled with. One case teached the magistrate's court and after a summons had been obtained the case summons had been obtained the case was reported complied with. In one was reported complied with In one special district 150 notices issued were quickly complied with, and in Brooklyn out of 100 notices issued only three were found not complied with in ten days. These reached the court and the tenants were fined \$2 in two cases and sentence was suspended in the third.

The purpose of the campaign was to find out whether tenants would voluntarily comply with the department's orders and whether in the event of their failure to do so the magistrates would hold them responsible. Commissioner Murphy feels satisfied that the department will be available to the contract. ment will be upheld by the courts

INVESTING IN TENEMENTS. EAST 10TH STREET-Charles Buer-

mann & Co, have sold for Joseph Kugler 271 East Tenth street, a five story tenement for twenty families on lot 25x100, to George Selderman. KELLY STREET-Abraham Berger has sold to Isaac Klein 883 Kelly street, a four story flat on plot 36.8x100, adjoining the southwest corner of Inter-vale avenue. The price was \$20,000.

LABOR BUREAU IN QUEENS. A Queens borough branch office of the State Employment Bureau will be established about March 15 as a result of the offorts of the Chamber of Commerce of the Borough of Queens, which brought to the attention of the New York State Department of Labor the necessity for additional facility because of the many new factories which have recently located in Queens. A store at Jackson avenue and Skillman street, Long Island City, has been rented by the chamber which will be placed at the disposal of the bureau. A J. Portenar has been designated by Commissioner Henry D. Sayer to take charge. A Queens borough branch office of the Sayer to take charge.

TO SELL RICHMOND ESTATE. Among the properties to be offered at the special sales day to be held by Jo-sceph P. Day, on March 27, is the famous Dixon J. Hughes mansion at Rossville, Staten Island. This property comprises about twenty-two and a half acres and has a frontage of 425 feet on the Ar-thur Kill and 397.32 feet on the Shore OLD DEEDS RECORDED.

LAND BANK HELPING

Associations to Meet Mortgage Demands.

association (\$25 interest, \$25 on principal), because he will reduce his mortgage \$25 each month—these twenty-fives earning interest and paying up the mortgage in twelve years or less. And

he will not have any renewal fees to pay in the meantime and he is never obsessed with the fear at each renewal period that he may be called upon to pay off some of the principal.

"Speaking of money saved in our as-sociations, it is quite common for those who have no knowledge of the subject

to assume and even make the positive statement that a person who withdraws his money before his shares reach pur-gets no interest. This, of course, is

absurd and no association can hope to get ahead if such a policy were adopted. In the serial plan associations interest begins on the same basis as a savings hank, and in order to induce systematic saving a portion of the profits is held back if the stock is withdrawn before maturity or perhaps inside of eight

back if the stock is withdrawn before maturity or perhaps inside of eight years. In any case a member gets from 3½ to 5 per cent, interest on his sav-ings, depending on the length of time the shares are in force, withdrawal value

FOLKS TURNING TO COUNTRY.

The Long Island Railroad reports that

muters than during the same month a

year ago. In January 2,677 more persons rode on commutation tickets than in January, 1916. The first two months exceeds by 5,438 the number of commuters in the corresponding period of

ncreasing each year.

n the old days.

Papers 168 Years Old Put on File

SMALL HOME BUYERS The most interesting real estate docu-nents which have come to the attention of recording forces at the Register's office in a long time were put on record yesterday. Two deeds, one 168 years old and the other 152 years old, cover-ing the ownership of the property at 108 Cliff street, which was sold on Fri-day by Nicholas F. Walsh for the Evangelical Church of St. Matthew to Matthew Sullican were taken to the Furnishing Funds to Building Matthew Sullivan, were taken to the Register's office by Mr. Davidson of the Title Guarantee and Trust Company and put on record. It is the first time In two centuries that any papers cover-ing the ownership of this property have been put in the hands of a public offi-

"An unusual demand for mortgage loans on homes is reported by officers of savings and loan associations in the metropolitan district," said Archibald W. McEwan, secretary of the State and Metropolitan leagues of these organizations, yesterday. Formerly, when associations depended for funds solely upon receipts of dues, less than \$10,000 a month could be loaned by the average association, and it is well within the mark to state that where one application could be granted ten were refused in the old days. The deeds have been held by trustees of the Lutheran Church, first by the Protestant Reformed German Lutheran Church and later by the Evangelical Lutheran Church of St. Matthew, now on Convent avenue, the successor of the first church by which the property was conveyed in 1765. The deeds, yellowed with age and

in the old days.

"Now all is changed, and associations in this State may get money through the Land Bank of the State of New York, operated solely for the benefit of these organizations. The Land Bank issues bonds, backed by member associations, and when I state that the written in long hand, describe the prop-erty as being 32x67 feet in dimension. Philip, Jacob and Peter Grim and apparently trustees of the others, apparently trustees of the Protestant church, bought the property from Robert Bonson for £250, which is about \$1,250. They bought the property on March 22, 1749. Sixteen years later, in 1765, a change was made in the church and the property was transferred by the Grims and others to Baltus. clations, and when I state that the Guaranty Trust Company has bought the latest series outright at a low rate of interest it is surely the last word on the definition of safety. Member associations can borrow at 5 per cent., and it is hoped to get the interest even lower very soon.

"This new arrangement to get money." by the Grims and others to Baltus Springler and others in trust for a Lutheran church. Six shillings was the consideration in this case, according to This new arrangement to get money

the deed dated February 3, 1765.

Later the adjoining plot, 32x71, was acquired as a burial ground. The property, which might be known also as 115 Cliff street, is at the north end of the street, which terminates just north of the Brooklyn Bridge.

"This new arrangement to get money is becoming generally known, with the result that home owners are coming to the associations in greater numbers than ever before. It places an association in the position of taking many loans that otherwise would need to be passed. One small association this week had an application for a mortgage loan of \$5,000 on property that is conservatively appraised at \$10,000. The association's officers did not propose to let a chance like this pass, even if there were no fands on hand to meet the application and at a meeting of the board of directors it was simple matter to get the money from the Land Bank at 5 per cent. For a number of years the site has been covered by a three story building used as a warehouse. A few years ago \$20,000 was offered for the property.

DEGNON SELLS AT FLUSHING. The Degnon Realty & Terminal Im

from the Land Bank at 5 per cent.
"Apropos of this application, the mort-gager was paying 5½ per cent, on the mortkage nearly due. Yet he prefers to pay 6 per cent, in the savings and loan provement Company sold to J. L. O'Brien of Manhattan, its holdings at the northern junction of Old Mill Creek and Uhland avenue, Flushing.

COUNTRY HOMES IN DEMAND.

Activity at Garden City Far Abead

this year is the opmany builders and deve most desirable parts of They base their calcu tensive renting and selli great, and George I. Il ing any equal period at this

are Seldon O. Martin, t Twining is staying at the City Hotel.

37 West Nineteent) of 396 Broadway to Willi The George Bucker Con

pany and its subsidiary companies he removed their offices to 29 host This A. A. Hageman has leaned the thi left, 105 West Thirty-hinth street,

UNFURNISHED APARTMENTS TO LET, UNFURNISHED APARTMENTS TO LE

PEASE & ELLIMAN announce that they now have complete list of vacancies from October, 1917, in all buildings in the Fifth & Park Avenue sections.

Selected lists with plans and booklets containing full details will be cheerfully sent to prospective tenants upon request.

They advise immediate action on the part of all who are contemplating a change of residence in the Fall as there are but few vacancies in the Park Avenue section and these are rapidly being taken.

A call, letter or telephone will put our renting department at your service without cost to you.

PEASE & ELLIMAN

340 Madison Avenue, at 43d St.

'Phone Murray Hill 6200.

The Sun's Country Home Competition

\$500 in Four Prizes Offered to Draughtsmen for Plans of House to Cost not More than \$6,000

Draughtsmen THE SUN invites you to take part in a competition for floor plans and perspective for a country house which can be built at a cost of not more than \$6,000. All designs submitted will be judged by a competent jury of professional men, and for the four designs selected by them as having the best qualities, judged from the terms of the competition, THE SUN will award prizes as follows:

FIRST PRIZE - \$250 SECOND PRIZE - \$150 THIRD " - 75 **FOURTH**

The jury in its discretion will give mention to such drawings as it thinks worthy of distinction.

This competition is intended to provide a means for young draughtsmen to expretheir ideas regarding modern country home planning. It is the hope of THE SUN that through the expression of such ideas, gained from a study of present day requirements, type of modern country home may be evolved which will answer the demand for a contbination of attractiveness, comfort, stability and efficiency, all at reasonable cost.

No designs will be accepted from practising architects. In other words, this competition is limited to men and women employed as draughtsmen and draughtswomen in architects' offices. It is further limited to employees of firms whose offices are within the boundaries of Greater New York, Long Island, Westchester county, N. Y.: Hudsen. Bergen, Morris, Essex, Passaic, Union, Middlesex and Monmouth counties, N. J., and Fairfield county, Conn.; the students of all architectural schools, and students of the Society of Beaux Arts Architects, New York city.

Judges of this competition will be asked to base their awards on the fitness of the design to the material employed, the adaptability of the design, the excellence of the plan and the possibility of production within the allowed amount.

TERMS OF THE COMPETITION ARE:

FIRST—The design must be for a two story and celiar all the year house. An attic may be included if desired. The building must be one that can be erected, excussive of cost of land, in the suburban district of New York, for a cost not to exceed \$6,000. It is assumed to have not more than 30,000 cubic feet of contents from the surface of the cellar floor. Included in the cost must be all charges for a complete building except for lighting fixtures, decorations and architect's fees. Plumbing fixtures, heating plant and wiring for lighting must be included. SECOND—For the purposes of this competition the plot on which this house is to be erected is assumed to be sevel and of an area 100x100 feet. It is assumed that the ground is free of rock and can be excavated at the usual cost for such work.

THIRD—No limit is placed on the area of the structure and the materials to be used in construction except those of cost and size of plot.

FOURTH—It is assumed that the house designed will be for the use of three adults, two children and one servant.

win he for the use of three adults, two children and one servant.

FIFTH—All drawings shall be rendered in pen and ink and shall consist of a piot plan drawn to a scale 1-16 of an inch to a foot; a perspective of the front of the house drawn to a scale 1/2 of an inch to a foot on the nearest corner and plans of both floors drawn to a scale 1/2 of an inch to a foot. All drawings must be mounted on cardboard 22 by 30 inches in size. The perspective must be at the top; floor plans in the centre, and plot plan at the bottom.

bottom.

SIXTH—The plot pian must indicate the position of the house on the plot. For this purpose it is assumed that there are three adjoining plots each 100x100 in size, any two of which are assumed to be built on already. The competitive plan must show the proposed improvement of the third plot and its relation to the other two. This block plan must show approaches, paths, garage

SEVENTH—All plans are to remain the roof the various contestants, but THE SUN prescright to publish any or ad of them without furth pensation than has been stated above. Plans at returned to competitors as soon after the concernition as practicable. THE SUN will take able care of all drawings, but will not be responsible drawings lost or damaged.

EIGHTH—This competition is to be closed at night, March 25. All competitive drawings in all the time be received at the office of THE St. N. 1990 Section.

NINTH—All designs are to be signed by a c selected by each competitor. Accompanying by ings must be seated envelopes containing full a character mark of each competitor mann and of office in which be or she is employed or the at which the competitor is studying, and the f form signed by the full name of the competitor.

I (we) affirm that the design and plan submitted (us) in this, The sun's Country Home Country are of my four) own original convertion, and become adapted or copied from any other design or plan

Signature

TENTH—Each competitor must submit each drawings a description of his building majorial the description to be limited to not more than 200 w

near approach of the completion crty has been sold there for improve- ment. Mr. Day said that the of the Broadway-Lexington avenue sub-way, which is to operate through The Bironx to Pelham Bay Park, is reflected in the great buying movement which has started in City Island, which is connected to the new subway line by a trolley.

During the last few weeks more prop-

CLINTON HILL RESIDENCE SOLD. Feist & Feist have sold for William

\$30,000 VERONA, N. J., DEAL.

The William Kennedy Construction company of Brooklyn has been awarded the general contract for the construction of a twenty story brick and stone office building at 110 to 116 William street by a company headed by H. Rudolph Anderson. The building will measure 90x125 feet, and has been designed by Frank H. Quinby.